#### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

INTEGRATED CIRCUIT BUFFER DEVICE

**Application Number:** 

10/625276

\*10/625276\*

Confirmation Number:

8412

First Named Applicant:

Richard Perego Attorney Docket Number: RAMB-01049US1

Art Unit:

2188

Examiner:

Kevin Verbrugge

Search string:

( 6330687 or 5371880 or 5475818 or 5400360 or 4631666 or 5655113 or 5511224 or 5574945 or 5917760 or 6016282 or 6449727 or 4644532 or 4667305 or 4747100 or 4864563 or 5228134 or 5355467 or 5408646 or 5537394 or 5544342 or

5553266 or 5557266 or 5604735 or 5630095 or 5659710 or 5787083 or 5802054 or 5802565 or 5805798 or 5848145 or 5884036 or 5893921 or 5900017 or 5901294 or 5911052 or

5913044 or 5923893 or 6247100 or 20040095838 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee         | Kind | Class | Subclass |
|------|----------|------------|------------|------------------|------|-------|----------|
|      | 1        | 6330687    | 2001-12-11 | Griffith         |      |       |          |
|      | 2        | 5371880    | 1994-12-06 | Bhattacharya     |      |       |          |
|      | 3        | 5475818    | 1995-12-12 | Molyneaux et al. |      |       |          |
|      | 4        | 5400360    | 1995-03-21 | Richards et al.  |      |       |          |
|      | 5        | 4631666    | 1986-12-23 | Harris et al.    |      |       |          |
|      | 6        | 5655113    | 1997-08-05 | Leung et al.     |      |       |          |
|      | 7        | 5511224    | 1996-04-23 | Tran et al.      |      |       |          |
|      | 8        | 5574945    | 1996-11-12 | Elko et al.      |      |       |          |
|      | 9        | 5917760    | 1999-06-29 | Millar           |      |       |          |
|      | 10       | 6016282    | 2000-01-18 | Keeth            |      |       |          |
|      | 11       | 6449727    | 2002-09-10 | Toda             |      |       |          |
|      | 12       | 4644532    | 1987-02-17 | George et al.    |      |       |          |
|      |          |            |            |                  |      |       |          |

| 13 | 4667305 | 1987-05-19 | Dill et al.        |
|----|---------|------------|--------------------|
| 14 | 4747100 | 1988-05-24 | Roach et al.       |
| 15 | 4864563 | 1989-09-05 | Pavey et al.       |
| 16 | 5228134 | 1993-07-13 | MacWilliams et al. |
| 17 | 5355467 | 1994-10-11 | MacWilliams et al. |
| 18 | 5408646 | 1995-04-18 | Olnowich et al.    |
| 19 | 5537394 | 1996-07-16 | Abe et al.         |
| 20 | 5544342 | 1996-08-06 | Dean               |
| 21 | 5553266 | 1996-09-03 | Metzger et al.     |
| 22 | 5557266 | 1996-09-17 | Calvignac et al.   |
| 23 | 5604735 | 1997-02-18 | Levinson et al.    |
| 24 | 5630095 | 1997-05-13 | Snyder             |
| 25 | 5659710 | 1997-08-19 | Sherman et al.     |
| 26 | 5787083 | 1998-07-28 | Iwamoto et al.     |
| 27 | 5802054 | 1998-09-01 | Bellenger          |
| 28 | 5802565 | 1998-09-01 | McBride            |
| 29 | 5805798 | 1998-09-08 | Kearns et al.      |
| 30 | 5848145 | 1998-12-08 | Gallagher et al.   |
| 31 | 5884036 | 1999-03-16 | Haley              |
| 32 | 5893921 | 1999-04-13 | Bucher et al.      |
| 33 | 5900017 | 1999-05-04 | Genduso et al.     |
| 34 | 5901294 | 1999-05-04 | Tran et al.        |
| 35 | 5911052 | 1999-06-08 | Singhal et al.     |
| 36 | 5913044 | 1999-06-15 | Tran et al.        |
| 37 | 5923893 | 1999-07-13 | Moyer et al.       |
| 38 | 6247100 | 2001-06-12 | Drehmel et al.     |

## **US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No.    | Date       | Applicant | Kind | Class | Subclass |
|------|----------|-------------|------------|-----------|------|-------|----------|
|      | 1        | 20040095838 | 2004-05-20 | Li        |      |       |          |

### Remarks

Note: Remarks are not for responding to an office action.

An Information Disclosure Statement containing 1 Foreign Patent Document and 2 Non Patent Literature Documents is being filed concurrently, via US mail. A fee for both Information Disclosure Statements is included with this submission.

## Signature

| Examiner Name | Date |
|---------------|------|
|               |      |

#### UNITED STATES PATENT AND TRADEMARK OFFICE **ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1 Stylesheet Version v1.1.1

> Title of Invention

INTEGRATED CIRCUIT BUFFER DEVICE

Submission Type:

Information Disclosure Statement

**Application Number:** 

10/625276

\*10/625276\*

EFS ID:

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First Named Applicant:

Richard Perego

Attorney Docket Number: RAMB-01049US1

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| Doc. Name    | File Name               | Size (Bytes) |
|--------------|-------------------------|--------------|
| us-fee-sheet | 1049us1.EIDS-usfees.xml | 1589         |
| us-fee-sheet | us-fee-sheet.xsl        | 25930        |
| us-fee-sheet | us-fee-sheet.dtd        | 11968        |
| us-ids       | 1049us1.EIDS-usidst.xml | 7107         |
| us-ids       | us-ids.dtd              | 7763         |
| us-ids       | us-ids.xsl              | 12026        |
| package-data | 1049us1.EIDS-pkda.xml   | 2213         |
| package-data | package-data.dtd        | 27025        |
| package-data | us-package-data.xsl     | 19263        |
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 Application Number
 10/625,276

 Filing Date
 July 23, 2003

 First Named Inventor
 Perego

 Art Unit
 2188

 Examiner Name
 Verbrugge, K.

 Attorney Docket Number
 RAMB-01049US1

(Use as many sheets as necessary)

Sheet 1 of 2

**U. S. PATENT DOCUMENTS** Name of Patentee or Pages, Columns, Lines, Where Examiner **Document Number** Publication Date Initials\* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code<sup>2 (if known)</sup> US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

|   | FOREIGN PATENT DOCUMENTS |  |   |  |   |                |  |  |  |  |
|---|--------------------------|--|---|--|---|----------------|--|--|--|--|
| Examiner<br>Initials*                   | Cite<br>No.1             | Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY          | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |  |  |  |  |
|   | 1                        | EP 0 811 916 A2  | 12/10/1997                              | The Boeing Company                                 |   |                |  |  |  |  |
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|------------------------|---------------------|--------------|--------|------------------------|-------------------|--|
|                        |                     |              |        | Application Number     | 10/625,276        |  |
| INFORMATION DISCLOSURE |                     |              |        | Filing Date            | July 23, 2003     |  |
| STATEMENT BY APPLICANT |                     |              | CANT   | First Named Inventor   | Perego .          |  |
|                        |                     |              |        | Art Unit               | 2188              |  |
|                        | (Use as many sheets | as necessary | )      | Examiner Name          | Verbrugge, K.     |  |
| Sheet                  | 2                   | of           | 2      | Attorney Docket Number | RAMB-01049US1     |  |

| NON PATENT LITERATURE DOCUMENTS         |                          |   |                |  |  |  |
|---|--------------------------|---|----------------|--|--|--|
| Examiner<br>Initials*                   | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |  |  |  |
|   |                          | PCT International Search Report (June 27, 2001) 4 pages   |                |  |  |  |
| *************************************** |                          | Microsoft Press Computer Dictionary, 3rd Ed., 1997, pp. 48 and 68   |                |  |  |  |
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| Examiner  | Date       |  |
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| Signature | Considered |  |
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